

ABSTRACT OF THE DISCLOSURE

An Mn-Zn ferrite includes base components of 44.0 to 49.8 mol % Fe_2O_3 , 4.0 to 26.5 mol % ZnO , at least one of 0.1 to 4.0 mol % TiO_2 and SnO_2 , 0.5 mol % or less Mn_2O_3 , and the remainder consisting of MnO , and contains 0.20 (0.20 excluded) to 1.00 mass % CaO as additive. Since the Mn-Zn ferrite contains less than 50 mol % Fe_2O_3 and a limited amount (0.5 mol % or less) of Mn_2O_3 , an abnormal grain growth does not occur even if CaO content is more than 0.20 mass %, and a high electrical resistance can be gained. And, since an appropriate amount of TiO_2 and/or SnO_2 is contained, an initial permeability is kept adequately high, whereby an excellent soft magnetism can be achieved in a high frequency band such as 1 MHz.